

Form PTO-1449  
(Rev. 8-83)U.S. Department of Commerce  
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Atty Docket 0756-2431

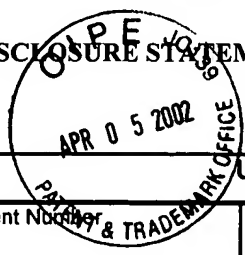
Serial No. 10/066,542

## INFORMATION DISCLOSURE STATEMENT

Applicants: Osamu NAKAMURA et al.

Filing Date: February 05, 2002

Group Art Unit: N/A



## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BWB	5,529,937	06/25/1996	Zhang et al.			
	5,608,232	03/04/1997	Yamazaki et al.			
	5,639,698	06/17/1997	Yamazaki et al.			
	5,700,333	12/23/1997	Yamazaki et al.			
	5,773,327	06/30/1998	Yamazaki et al.			
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	5,814,540	09/29/1998	Takemura et al.			
	5,869,363	02/09/1999	Yamazaki et al.			
	5,888,858	03/30/1999	Yamazaki et al.			
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	5,897,347	04/27/1999	Yamazaki et al.			
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	5,949,115	09/07/1999	Yamazaki et al.			
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	6,093,934	07/25/2000	Yamazaki et al.			
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BMB	6,111,557	08/29/2000	Koyama et al.			
	6,121,660	09/19/2000	Yamazaki et al.			
	6,133,073	10/17/2000	Yamazaki et al.			
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BMB	6,303,963	10/16/2001	Ohtani et al.			
	6,307,214	10/23/2001	Ohtani et al.			
	6,316,789	11/13/2001	Yamazaki et al.			
	6,316,810	11/13/2001	Yamazaki et al.			

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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
	05-109737	04/30/1993	JP			Full Eng

Examiner

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PTO/SB/08A (10-01)



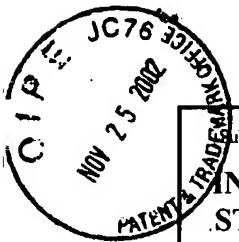
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/066,542
				Filing Date	February 2, 2002
				First Named Inventor	Osamu NAKAMURA et al.
				Art Unit	2814
Sheet	2	of	3	Examiner Name	
				Attorney Docket Number	740756-2431

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
BWB		US-5,589,694		12/31/1996	Takayama et al.	
		US-5,595,923		01/21/1997	Zhang et al.	
		US-5,595,944		01/21/1997	Zhang et al.	
		US-5,604,360		02/18/1997	Zhang et al.	
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		US-5,696,386		12/09/1997	Yamazaki	
	5		US-5,696,388		12/09/1997	Funada et al.

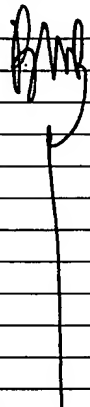
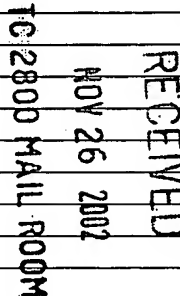
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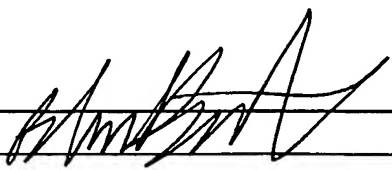
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				Application Number	10/066,542
				Filing Date	February 2, 2002
				First Named Inventor	Osamu NAKAMURA et al.
				Art Unit	2814
Sheet	3	of	3	Examiner Name	
				Attorney Docket Number	740756-2431

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
		US-5,705,829		01/06/1998	Miyanaga et al.	
		US-5,712,191		01/27/1998	Nakajima et al.	
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		US-2001/0034088		10/25/2001	Nakamura et al.	
		US-				

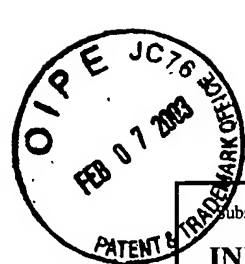
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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		Lee et al. <u>IEEE Transactions on Electron Devices</u> , Vol. 45, No. 8, August 1998 "Argon Ion-Implantation on Polysilicon or Amorphous-Silicon for Boron Penetration Suppression in p <sup>+</sup> pMOSFET" p. 1737-1744			
		Miyake et al. <u>IEEE Transactions on Electron Devices</u> , Vol. 43, No. 3, March 1996 "Characteristics of Buried-Channel pMOS Devices with Shallow Counter-Doped Layers Fabricated Using Channel Preamorphization" p. 444-449			
		U.S. Patent Application Serial No. 10/020,961 Filed: 12/19/2001 - Filing Receipt, Specification, Claims and Drawings			
		U.S. Patent Application Serial No. 10/072,931, Filed: 02/12/2002 - Filing Receipt, Specification, Claims and Drawings			
		U.S. Patent Application Serial No. 10/056,055, filed: 01/28/2002, Filing receipt, Specification, Claims and Drawings			
		U.S. Patent Application Serial No. 10/074,050 Filed: 02/14/2002, Filing Receipt, Specification, Claims and Drawings			
		U.S. Patent Application Serial No. 10/051,064 Filed: 01/18/2002, Filing Receipt, Specification, Claims and Drawings			
		U.S. Patent Application Serial No. 10/097,641 Filed: 03/15/2002, Filing Receipt, Specification, Claims and Drawings			
Examiner Signature				Date Considered	6/2/02

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Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty Docket 0756-2431		Serial No. 10/066,542	
<b>INFORMATION DISCLOSURE STATEMENT</b> 				Applicants: Osamu NAKAMURA et al.			
				Filing Date: February 05, 2002		Group Art Unit: 2814	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No	
BMB	09-074207	03/18/1997	JP			Full Eng	
Examiner 			Date Considered 5/31/03				
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				Application Number	10/066,542
				Filing Date	February 5, 2002
				First Named Inventor	Osamu NAKAMURA et al.
				Art Unit	2814
Sheet	1	of	1	Examiner Name	
				Attorney Docket Number	740756-2431

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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hmg		D.J. Llewellyn et al. IEEE 1997; "Implantation and annealing of Cu in InP for electrical isolation: microstructural characterization" pp.313-316	
hmg		Kevin Jones et al. IEEE 2000; "Boron Diffusion upon Annealing of Laser Thermal Processed Silicon"; pp.111-114	

Examiner Signature		Date Considered	5/31/03
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				Application Number	Not Yet Assigned
				Filing Date	February 5, 2002
				First Named Inventor	Osamu NAKAMURA et al
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	740756-2431
Sheet	1	of	1		

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		Office <sup>1</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JMB	JP	5-109737 A			04/30/1993		W/Abstract	
	JP	07-130652 A		T. Fukunaga et al	05/19/1995		W/Abstract	
	JP	2000-260777 A		J. Linn et al	09/22/2000		W/Abstract	
	JP	2001-210828 A		M. Miyasaka	08/03/2001		W/Abstract	

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